PEST&CROP INDEX 2011

INSECTS, MITES & NEMATODES

**Alfalfa Caterpillar**

**Alfalfa Weevil**
Alfalfa Weevil Management Guidelines – 3
Accumulated Heat Units for Alfalfa Weevil – 3, 4

**Armyworm**
Armyworm and Black Cutworm Moth Flights, Something to Consider! – 3
Time to Scout Smart: High Risk Fields and Potential Pests - 8

**Bean Leaf Beetle**
Time to Scout Smart: High Risk Fields and Potential Pests – 8
Bean Leaf Beetle Pod Feeding on Late Maturing Soybean – 23
YouTube Video: Considerations for Bean Leaf Beetle Feeding in Late-Maturing Soybean - 35

**Black Cutworm**
Black Cutworm Arrival Has Been Detected – 2
Armyworm and Black Cutworm Moth Flights, Something to Consider! – 3
Black Cutworm Adult Pheromone Trap Report – 3, 4, 5, 6
Black Cutworm Finding Hoosier Hospitality – 4
Other Cutworms, Too Early for Black Cutworm – 5
Black Cutworm Development May Coincide with Emerging Corn – 6
Accumulated Heat Units for Black Cutworm - 6
Time to Scout Smart: High Risk Fields and Potential Pests – 8
Cutworms Chewing Through Technology - 9

**Black Light Catch Report**
Black Light Trap Catch Report – 4-24

**Brown Marmorated Stink Bug**

**Corn Earworm**

**Corn Flea Beetle**

**European Corn Borer**
European Corn Borer, Forgotten But Not Gone – 10
European Corn Borer Questions Continue - 12

**Fall Armyworm**

**Hessian Fly**

**Insecticides**

**Insects (Miscellaneous)**
Handy Bt Trait Table – 3

**Japanese Beetle**

**Mealybug**
Trochanter Mealybug: Perhaps a Reason for Yellowing of Soybeans - 14
**Millipede**

**Nematodes**
Nematode Updates – Needle Nematodes on Wheat – 2

**Potato Leafhopper**

**Potworms**

**Rootworms**
Corn Rootworm Hatch Has “Officially” Begun in West Central Indiana - 10

**Seedcorn Maggot**

**Slugs**

**Soybean Aphid**
Soybean Aphid: First Update – 7
Soybean Aphid: Starting to Show Up in Northern Indiana Soybean (but do not panic yet) - 17

**Spider Mites**
Spider Mites, Rain, and Control – 18

**Stalk Borer**

**Stink Bug**

**Western Bean Cutworm**
Entomologist: Winter Not Likely to Slow Corn Pest’s Advance – 1
Western Bean Cutworm Moth Flight Begins – 12
Request for Help in Obtaining Western Bean Cutworm Egg Masses – 12
Western Bean Cutworm Moths: Slow Beginning – 13
Western Corn Cutworm Adult Pheromone Trap Report, 13-19
Western Bean Cutworm Flight Intensifying, Egg Hatch is Underway – 15
First In-Field Resistance to Bt Corn Targeting Rootworms Documented in Iowa – 18
Western Bean Cutworm Moth Captures, 2011 – 19

**WEEDS**

**Control**
Glyphosate’s Impact on Field Crop Production and Disease Development – 1
Wild Garlic/Wild Onion Control in Wheat – 2
Marestail Control Essential to Protect Soybean Yields – 3
Poison Hemlock Control in Corn and Soybean – 4
What Do We Do About the Yellow Fields? – 8
Mesotrione Carryover into Soybean – 16
YouTube Video: Effective Control of Big Lambsquarter – 21
Corn and Soybean Herbicides and Fall Cover Crop Establishment - 21

**Herbicides**
The Benefits of Using a Preemergence Herbicide – 2
VIDEO: Preemergence Herbicides – 2
VIDEO: Setup for Post-emergence Herbicides – 2
Cold Wet Weather and Postemergence, Spike Stage Herbicide Applications in Corn – 4
Reducing Spray Drift from Glyphosate and Growth Regulator Herbicide Drift Caution – 6
Cover Crops and the Corn and Soybean Herbicide Rotation Restrictions – 9
Harvest Aids in a Not So Cooperative Year – 23
Adjuvant Used With Herbicides: Factors to Consider - 25

Other
Waterhemp – An Emerging Weed Problem in Indiana – 25

PLANT DISEASES

Corn
Early Fungicide Applications in Corn – 9
Disease Risk for Storm-Damaged Corn – 10
Gray Leaf Spot on Corn – 15
YouTube Video: Focus Area Prior to Foliar Fungicide Application – 15
YouTube Video: Bacterial Blight of Soybean – 15
YouTube Video: Goss’s Bacterial Wilt on Corn – 17
Spraying Fungicides on Drought-Stressed Corn – 18
Ear Rot Review – 18
YouTube Video: Identifying Aspergillus Ear Rot - 24

Soybeans
Are Late-Planted Soybeans at Risk for Soybean Rust? – 9
Bacterial Blight in Soybean – 13
Profitability of Fungicides and Insecticides in Soybean - 17

Wheat
Wheat Virus Diseases Prevalent in Indiana Fields – 2
Monitor the Risk of Fusarium Head Blight (Scab) in Indiana Wheat – 4
Fusarium Head Blight Update – 5
Wheat Disease Update – 7
Bacterial Mosaic on Wheat - 8

Misc.
Successful Disease Management Means Looking at Field History – 1
Quadris Approved for Use on Greenhouse – Grown Tobacco in Indiana – 2
Ridomil Gold SL Approved for Use in Tobacco Transplant Water in Indiana - 4

AGRONOMY TIPS

Corn
Corn Planting Date is Important, But… - 3
Tillage Considerations for Delayed Planting of Corn in a Wet Spring – 4
“Safe” Hybrid Maturities for Delayed Corn Planting in Indiana – 4
Thoughts on Seeding Rates for Corn – 4
Update: “Safe” Hybrid Maturities for Delayed Corn Planting in Indiana – 7
Effects of Flooding or Ponding on Young Corn – 9
Recovery from Hail Damage to Young Corn – 10
Wrapped and Twisted Whorls in Corn – 10
Tassel Emergence & Pollen Shed – 16
Silk Development and Emergence in Corn – 16
Prospects of Recovery for Root-Lodged Corn – 17
An Example of “Recovery” From Severe Root-Lodging – 18
Kernel Set Scuttlebutt – 18
Effects of Stress During Grain Filling in Corn – 18
Are Your Ears (of corn) Sagging? – 21
Stress During Grain Fill: A Harbinger of Stalk Health Problems – 21
YouTube Video: Check Corn Fields for Stalk Rot – 21
Top Leaf Death or “Dieback” in Corn – 22
Predicting Corn Grain Maturity Dates for Delayed Plantings – 22
Interpreting Corn Hybrid Maturity Ratings – 22
Estimating Corn Grain Yield Prior to Harvest – 22
Delayed Corn Grain Maturity & Frost/Freeze Worries – 23
Field Drydown of Mature Corn Grain – 23
Test Weight Issues in Corn - 26

Misc.
New Online Tool Helps Indiana Farmers Select Cover Crops – 3
Assessing Available Nitrogen from Fall – and Spring – Applied Nitrogen Applications – 9
Cover Crops for Prevented Planting Areas - 13

Soybeans
Fine-Tune Soybean Seeding Rates During Chilly and Wet Spring – 3
Thoughts on Late Planting of Soybean – 9
Soybean Early Reproductive Growth Stages - 14

Wheat
“Snagged” Wheat Heads and Cold Temperatures - 5

BITS & PIECES
Extension Specialists Listing – 1
2011 Purdue Weed Day – 6
News Release – Davis Purdue Ag Center Field Day, August 16 – 19
Post Harvest Update and Recertification Workshop – 25, 27
Harvesting, Drying and Storing the 2011 Corn Crop – 26
2012 Crop Management Workshops…Mark Your Calendar – 27
Good Bye and Good Luck to Glenn Nice – 27
Congratulations to Kiersten Wise - 27

Weather Update
Appears in most issues